

# THREE WHEEL MOTORCYCLE SKILLS TEST COMPACT RANGE



## **Performance standards and scoring criteria**

License test scoring criteria and standards have been researched and developed through extensive field testing. Essential control, balance, and performance violations (e.g. hitting cones, crossing lines) have been determined to effectively and safely measure minimum basic skills required for on-street operation.

Due to the variety and selection of unconventional vehicles now available, basic vehicle testing standards and definitions were established. Cycles used in testing must be in safe operating condition and adhere to basic vehicle standards and design as defined as suitable. Motorcycles of single-track design, or cycles with similar handling characteristics, must meet the following defined curricula and testing criteria:

- Motor vehicle design that complies with all applicable federal on-road standards.
- Motorcycle-based design or vehicle with:
  - Electric or fuel motor (equivalent to 50cc or more, or travels greater than 30 mph)
  - Cycle-type controls (i.e. handlebars, throttle, clutch, brake lever(s), etc.)

The following vehicles were identified as being unsuitable to be tested within the three-wheel test:

- Automotive hybrids or automotive based (extended) conversions.
- Overly large rigs with front or rear mounted engines.
- Rigs with automotive seating, safety belts and steering wheels.
- Rigs of other/radical design departing from standard multi-track sidecar or trike size and type.
- "Twinned wheel" trikes (e.g. MP3) with contact patches less than 18.1 inches apart.
- Motorcycles with an installed stabilization conversion kit having wheels that may touch the ground at any time.

## **Vehicle Check**

All non-training, personally owned, or borrowed vehicles must be properly equipped and maintained to meet state motor vehicle registration requirements. At a minimum, the registered and currently license plated motorcycle must be checked to have:

- reasonable tire tread, with no embedded objects, that are not significantly under-inflated.
- no fuel, oil, or fluid leaks that will compromise the safety of the rider or others.
- functional brakes.

## **Rider Check**

- Testees are required to be positively identified via photo identification.
- 3rd Party applicants are required to wear (minimum) protective gear as defined by [RCW 46.37.530](#):
  - A helmet certified as meeting US DOT requirements as outlined in [49 CFR 571.218](#)
  - Eye protection as defined: windshield, goggles, glasses, or a helmet face shield

## **PRE-TEST INSTRUCTIONS**

**[Read to all applicants]**

This test consists of evaluations that measure your motorcycle control and hazard response skills. You will be scored on time, distance standards, path, and performance violations. Riders must follow directions in a manner that allows for fair and accurate scoring of the skill or maximum points may be assessed.

The test may be ended for point accumulation, falling or crashing the cycle, stalling four times, unsafe acts, or failure to understand or follow instructions. You may stop the test at any point, but you must complete the entire test to pass it. Do you understand these instructions?

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## Run #1: (Part 1) Cone Weave and Normal Stop (Part 2) Curve (Left)

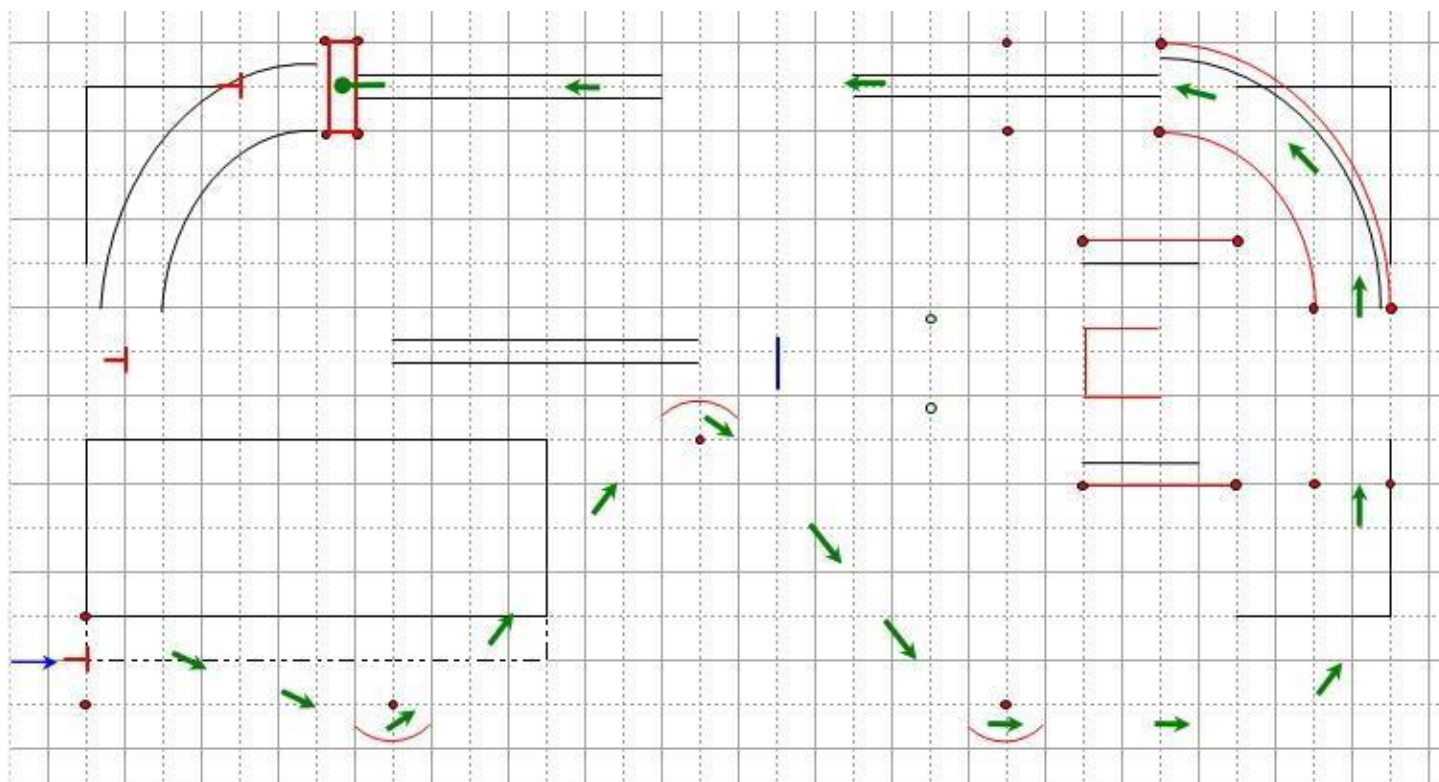
**Objective:** To demonstrate awareness of vehicle positioning and an ability to coordinate clutch, throttle, and basic handling control.

**Set-up:** Weave cones, curve boundary lines and cones, and a stop box

### Directions:

- When signaled, ride to the right of the first cone, to the left of the second cone, to the right of the third without hitting or skipping cones.
- Your rig must pass within four feet of each cone.
- After passing the third weave cone, make a left turn and proceed into the curve.
- Plan to make a smooth continuous curve staying within both sets of cones and boundary lines.
- After exiting the curve, ride to the stop box and make a smooth safe stop.
- When stopped, your front tire(s) must be inside the box, not touching any boundary lines.
- The weave is a timed evaluation; you must go fast enough to demonstrate control.
- This is a diagram of this run. [\[show\]](#)
- Do you understand these instructions?
- Wait for my signal to begin.

### Diagram:







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## Run #4: Quick stop

**Objective:** To demonstrate the ability to avoid a hazard by stopping quickly

**Set-up:** Cones set for starting and stopping

### Directions:

- Starting from the “Start T”, when signaled, quickly accelerate straight up the path to a speed of 12-18 mph.
- Maintain a steady speed.
- Do not anticipate by adjusting speed or applying the brakes before reaching the cue cones.
- After your front tire(s) pass(es) the [color] cue cones, stop in the shortest distance you safely can. Once stopped, remain in place.
- If necessary, a second attempt may be run for being too slow or anticipating.
- When signaled, ride to the parking area.
- This is a diagram of this run. [show]
- Do you understand the instructions?
- Wait for my signal to begin.

### Diagram:

